

**Soil Moisture Active and Passive Mission (SMAP)
Science Definition Team (SDT) Meeting #3
July 28-29, 2009
Westin Pasadena Hotel
Pasadena, CA
(July 27, 2009: Pre-meetings at JPL)**

DRAFT AGENDA

Monday, July 27 (at JPL)

Pre-meetings for those who can arrive early to discuss radar modeling and retrieval and radiometer processing implementation:

10:00-12:00 Conference room available as needed (Bldg 300-316)

13:00-17:00 Radar soil-vegetation forward and retrieval modeling (Bldg 300-316)

14:00-17:00 Radiometer L1 Processing (Bldg 300-221)

Tuesday, July 28 (at Westin Pasadena Hotel)

08:15 Opening Remarks (Entekhabi)

08:30 Project Update (Kellogg)

08:45 Science-related RFAs from the SRR/MDR and their planned disposition:

08:45 RFA on Orbits (Long)

09:15 RFA on Data Loss (Goodman)

09:45 RFA on Hi-Res Data Acquisition (Jai)

10:15 Break (15 mins)

10:30 Additional discussion on closure of RFAs (SDT members)

10:45 SDS Testbed Status Update – Procedures, Interfaces (Toaz, Bicknell, Weiss)

11:30 Algorithm Implementation Progress on Testbed (Simulation and Observational Data)
(Dunbar, Chan, Colliander)

LUNCH (12:15 - 1:15 pm)

Session on Algorithms: Including Recommendations from Oxnard workshop and Responses

13:15 Introduction (Moghaddam)

13:30 L1 Algorithm Test Plans and Status (Piepmeier, West)

14:30 L3 Algorithm Test Plans and Status (Chan)

15:00 Break (15 mins)

15:15 L3 Algorithm Test Plans and Status (Contd) (Kim, Entekhabi)

16:15 Discussion on L3 Cross-cutting Topics – Classifications (by terrain, land cover, etc.)
and parameter sets for each algorithm; interfaces and processing flow (SDT members)

05:00 Adjourn

DINNER

Wednesday, July 29 (at Westin Pasadena Hotel)

08:30 L4 Algorithm Test Plans and Status (Koster)

09:00 L4 Algorithm Test Plans and Status (Kimball)

09:30 Review of Next Steps relative to Algorithm Needs (SDT members)

10:15 Break (15 mins)

Session on Cal/Val: Including Recommendations from Oxnard workshop

10:30 Introduction (Jackson, Kimball)

10:45 Project Cal/Val Implementation Plan Overview (Njoku, Colliander)

11:00 Cal/Val Plan discussion

- In Situ Networks (SM and FT)
- U.S. Core Sites (SM and FT) (Tom Jackson subgroup)
- In Situ Testbeds (SM and FT) (Mike Cosh subgroup)
- Scaling Methodologies (SM and FT) (Wade Crow subgroup)
- International cal/val cooperation (Canada, Australia, Europe, Asia)
- Activities 2010 (SM and FT)
- Activities 2011 (SM and FT)

LUNCH (12:15 - 1:15 pm)

Afternoon

13:15 Radar Polarimetry and Faraday Rotation Discussion (Freeman)

13:45 SMAP science graphics and publications (Entekhabi, Yuen)

14:15 Plans for Applications Workshop (Moran, Zhan, Entekhabi, O'Neill)

03:00 Break (15 mins)

03:15 International Coordination (Entekhabi, Entin)

04:15 Action Item Review and Discussion

05:00 Adjourn